

# Converting Colors

Hex(9CD7BE)

Have a look what the booklet for  
Hex(9CD7BE) contains.

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# **Color**

**Hex(9CD7BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CD7BE
RGB	156, 215, 190
RGB Percent	61%, 84%, 75%
CMY	0.3882, 0.1569, 0.2549
CMYK	0.27, 0.00, 0.12, 0.16
HSL	155°, 42%, 73%
HSV	155°, 27%, 84%
XYZ	47.3050, 59.3865, 57.6847
YIQ	194.5090, -27.1390, -20.2830

# Conversions

## Conversions Part 2

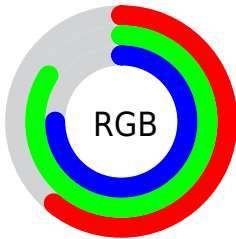
Format	Color
<a href="#">RYB</a>	<a href="#">156, 193, 215</a>
Decimal	<a href="#">10278846</a>
CIELab	<a href="#">81.50, -24.03, 6.28</a>
CIELCh	<a href="#">82, 24.839, 165.360</a>
Yxy	<a href="#">59.3865, 0.2878, 0.3613</a>
Android (android.graphics.Color)	<a href="#">4288468926 (0xFF9CD7BE)</a>
YUV	<a href="#">194.5090, -2.2229, -33.7724</a>
Hunter-Lab	<a href="#">77.0626, -25.2872, 9.5627</a>

# Details

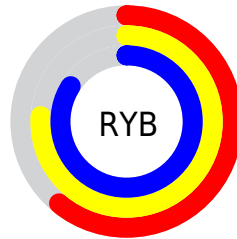
The Hex color **9CD7BE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D79CB5**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D4FFF6**, and **67A089** is the 20% darker color. If you saturate the color by 10%, you get **87D7B5**, and if you desaturate by 10%, it is **B2D7C7**.

# Distribution



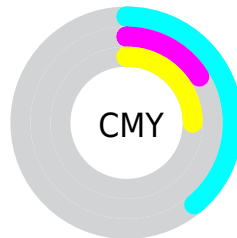
- Red (61%)
- Green (84%)
- Blue (75%)



- Red (61%)
- Yellow (76%)
- Blue (84%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (39%)
- Magenta (16%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CD7BE changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9CD7BE by changing the saturation by 10% instead.



 9CD7BE

 9CD7BE

FFFFFF

 81BBA3

 D4FFF6

 67A089

 F0FFFF

 4D866F

 346C57

 1A5440

 003C2A

 002615

 000A00

 000000

 9CD7BE

 9CD7BE

 87D7B5

 B2D7C7

 71D7AC

 C7D7D0

 5CD7A3

 DDD7D9

 46D79A

 F2D7E2

 31D790

 FFD7EC

 1BD787

 FFD7F5

 05D77E

 FFD7FE

 00D77C

 FFD7FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B5D3A9



9CD7BE



8BD8D6

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9CD7BE



BFC9F7



F6BEAA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9CD7BE



D79CB5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FBBABF



9CD7BE



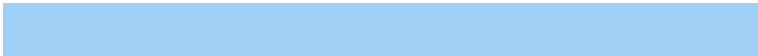
DDC1EB

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9CD7BE



A1D0F7



F2BBD7



E7C59E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9CD7BE



89D7E5



F2BBD7



F9BCB1

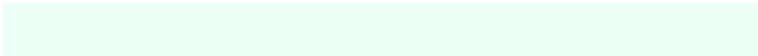


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9CD7BE



EBFFF6



B6D79C



73807A



000000



808080

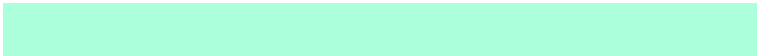


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9CD7BE



ABFFDB



9CD3D7



606B67



00AB62



002B19



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D79CB5



FFABCF



D7A09C



6B6065



AB0048

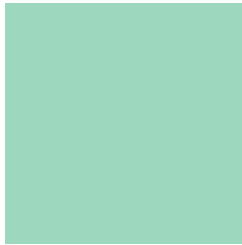


2B0012



# Previews

## White Background



This preview shows how the Hex color 9CD7BE looks on a white background.

## Color Contrast Check

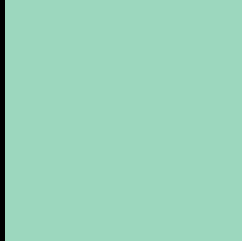
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9CD7BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9CD7BE Background



This preview shows how black text looks on a background with the Hex color 9CD7BE.

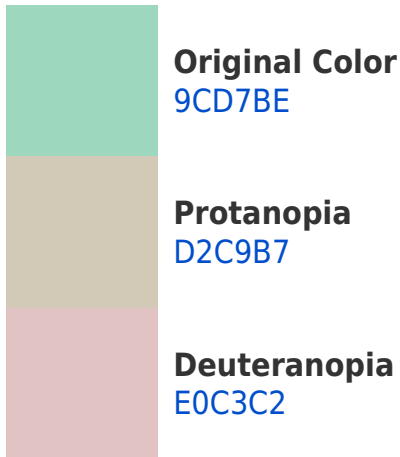


This preview shows how white text looks on a background with the Hex color 9CD7BE.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

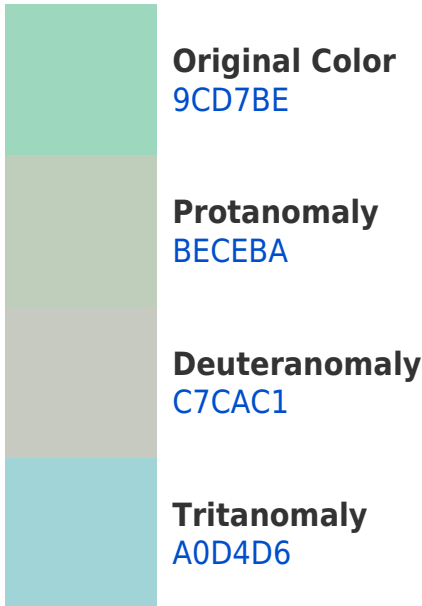
## Dichromacy



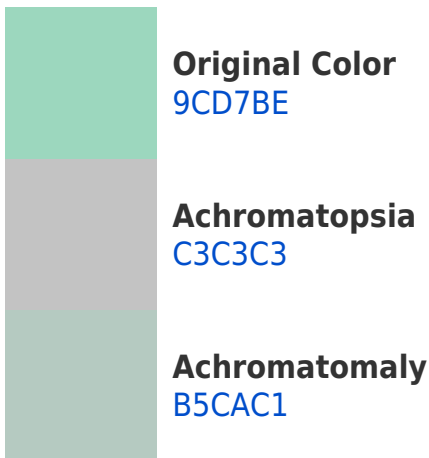


**Tritanopia**  
A3D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CD7BE is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9CD7BE looks like.

```
.text, #text, p{  
    color:#9CD7BE  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9CD7BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD7BE
}
```

## Border

The CSS property to change the border of an element to Hex 9CD7BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9CD7BE }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9CD7BE }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9CD7BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD7BE; -webkit-box-shadow:4px 4px  
4px 4px #9CD7BE; box-shadow:4px 4px 4px  
4px #9CD7BE }
```

# Background

The CSS property to change the background color of an element to Hex 9CD7BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD7BE }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9CD7BE }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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